

switchboard that includes at least one electrical switch assembly, and a mounting means for securing a plurality of electrical components; and (iii) a switchboard configured to enclose a plurality of electrical components used for controlling and operating a motor.

Fisher describes a motor that includes an outboard switch compartment with components therein such as a capacitor (77), thermal protector (92), terminal board, motor circuit controlling switch assembly (69), a manual switch (76), a thermal plastic molded cover (48) for the compartment fastened with axially directed screws, and an optional rain shroud (44) positively positioned on an end shield (61). Notably, Fisher does not describe nor suggest a switchboard mounted to an end shield that defines a second compartment.

Claim 1 recites a motor that includes a first compartment, a second compartment, a frame, a first and a second end shield disposed adjacent opposing ends of the frame to define the first compartment, and "a switchboard mounted to said second end shield to define said second compartment between said switchboard and said second end shield...said switchboard comprising a mounting means for securing a plurality of electrical components."

Fisher does not describe nor suggest a motor that includes a first compartment, a second compartment, a frame, a first and a second end shield disposed adjacent opposing ends of the frame to define the first compartment, and a switchboard mounted to the second end shield to define the second compartment between the switchboard and the second end shield, wherein the switchboard includes a mounting means for securing a plurality of electrical components.

More specifically, Fisher does not describe nor suggest a motor that includes a switchboard that is mounted to a second end shield to define a second compartment between the switchboard and the second end shield. Rather, Fisher describes a motor that includes an outboard switch compartment that is defined by a thermal plastic cover and an end shield, wherein a plurality of electrical components including a switch assembly are mounted to the end shield and are enclosed by the thermal plastic cover. Accordingly, Applicants respectfully submit that Claim 1 is patentable over Fisher.

For at least the reasons set forth above, Applicants respectfully request that the 35 U.S.C. § 102(b) rejection of Claim 1 be withdrawn.

Claims 2-7 depend, directly or indirectly, from independent Claim 1. When the recitations of Claims 2-7 are considered in combination with the recitations of Claim 1, Applicants submit that dependent Claims 2-7 likewise are patentable over Fisher.

Claim 8 recites a two compartment motor that includes a frame, a first and a second end shield disposed adjacent opposing ends of the frame to define a first compartment, and "a switchboard mounted to said second end shield to define said second compartment between said switchboard and said second end shield...said switchboard comprising at least one electrical switch assembly, and a mounting means for securing a plurality of electrical components thereto."

Fisher does not describe nor suggest a two compartment motor that includes a frame, a first and a second end shield disposed adjacent opposing ends of the frame to define a first compartment, and a switchboard mounted to the second end shield to define the second compartment between the switchboard and the second end shield, wherein the switchboard includes at least one electrical switch assembly, and a mounting means for securing a plurality of electrical components thereto.

More specifically, Fisher does not describe nor suggest a two compartment motor that includes a switchboard mounted to a second end shield to define a second compartment between the switchboard and the second end shield, wherein the switchboard includes at least one electrical switch assembly, and a mounting means for securing a plurality of electrical components thereto.

Rather, Fisher describes a motor that includes an outboard switch compartment that is defined by a thermal plastic cover and an end shield, wherein a plurality of electrical components including a switch assembly are mounted to the end shield and are enclosed by the thermal plastic cover. Although Fisher mentions a switch assembly, Fisher does not describe nor teach a

switchboard that includes at least one electrical switch assembly. Moreover, Fisher does not describe nor teach a switchboard mounted to a second end shield that defines a second compartment to the motor. Accordingly, Applicants respectfully submit that Claim 8 is patentable over Fisher.

For at least the reasons set forth above, Applicants respectfully request that the 35 U.S.C. § 102(b) rejection of Claim 8 be withdrawn.

Claims 9-21 depend, directly or indirectly, from independent Claim 8. When the recitations of Claims 9-21 are considered in combination with the recitations of Claim 8, Applicants submit that dependent Claims 9-21 likewise are patentable over Fisher.

Claim 22 recites a motor that includes a first compartment defined between a first end shield and a second end shield, a second compartment, a cover having ventilation openings mounted to the second end shield, and "a switchboard assembly comprising a switchboard mounted to said second end shield to define said second compartment...said switchboard configured to enclose a plurality of electrical components used for controlling and operating said motor."

Fisher does not describe nor suggest a motor that includes a first compartment defined between a first end shield and a second end shield, a second compartment, a cover having ventilation openings mounted to the second end shield, and a switchboard assembly that includes a switchboard mounted to the second end shield to define the second compartment, wherein the switchboard is configured to enclose a plurality of electrical components used for controlling and operating the motor.

More specifically, Fisher does not describe nor suggest a motor that includes a switchboard assembly having a switchboard mounted to a second end shield to define a second compartment, wherein the switchboard is configured to enclose a plurality of electrical components used for controlling and operating the motor. Rather, Fisher describes a motor that includes an outboard switch compartment that is defined by a thermal plastic cover and an end

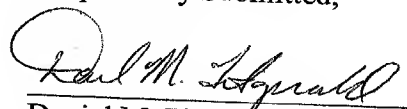
shield, wherein a plurality of electrical components including a switch assembly are mounted to the end shield and are enclosed by the thermal plastic cover. Accordingly, Applicants respectfully submit that Claim 22 is patentable over Fisher.

For at least the reasons set forth above, Applicants respectfully request that the 35 U.S.C. § 102(b) rejection of Claim 22 be withdrawn.

Claims 23-29 depend, directly or indirectly, from independent Claim 22. When the recitations of Claims 23-29 are considered in combination with the recitations of Claim 22, Applicants submit that dependent Claims 23-29 likewise are patentable over Fisher.

In view of the foregoing amendments and remarks, all the claims now active in the application are believed to be in condition for allowance. Favorable action is respectfully solicited.

Respectfully Submitted,



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Fisher et al.

Serial No.: 09/997,684

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For: TWO COMPARTMENT MOTOR

Art Unit: 2834

Examiner: Thanh Lam

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SUBMISSION OF MARKED UP CLAIMS

Commissioner for Patents
Washington, D.C. 20231

Submitted herewith are marked up Claims in accordance with 37 C.F.R. 1.121(c)(1)(ii).

IN THE CLAIMS

8. (once amended) A two compartment motor comprising:

a frame;

a first and a second end shield disposed adjacent opposing ends of said frame to define a first compartment;

a stator winding supported by said frame within said first compartment;

an armature rotatably supported by said end shields within said first compartment;

a cover comprising a plurality of cooling openings, said cover mounted to said motor adjacent said second end shield; and

a switchboard mounted to said second end shield to define said second compartment between said switchboard and said second end shield, said switchboard comprising at least one

electrical switch assembly, and a mounting means for securing a plurality of electrical components thereto.

19. (once amended) A two compartment motor in accordance with Claim 18 wherein said centrifugal switch assembly further comprises an actuator portion, said switchboard further comprises an integrally formed mounting means for securing said actuator portion.

22. (once amended) A motor comprising:

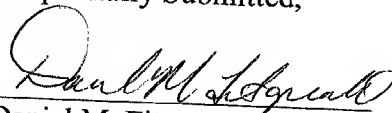
a first compartment defined between a first end shield and a second end shield;

a second compartment;

a cover having ventilation openings mounted adjacent said second end shield; and

a switchboard assembly comprising a switchboard mounted to said second end shield to define said second compartment, said switchboard configured to enclose a plurality of electrical components used for controlling and operating said motor.

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